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Claim

A valve solenoid comprising a coil (30) and a an iron circuit (31), which are arranged in a housing (10) which can be employed in areas endangered by explosion, wherein the coil (30) and the iron circuit (31) are embedded in a casting compound (20) introduced into a housing part, which casting compound prevents an explosive atmosphere reaching live parts and is simultaneously used for fixing purposes and electrical insulation (cast encapsulation), and wherein connecting elements (41) of the coil (30) are arranged in a housing part (11) which resists pressure in the case of an explosion on the inside and prevents transmission of the explosion to the environment (pressure-resistant encapsulation).

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